



Appl. No. 09/322,259

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : John Terrance Reagan ;
Appl. No. : 09/322,259 ; Grp./Art Unit : 2654
Filed : 28 May 1999 ; Examiner: M. Opsasnick
Title : Reducing Artifact Generation In ;
A Vocoder ;

Docket No. : PHA51214 (New) ;
VLSI-3410 (Old) ;

24/D
7/21/03
OK

Assistant Commissioner for Patents

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RESPONSE and AMENDMENT

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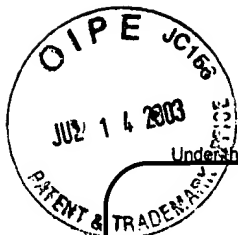
Sir:

This is in response to the Office Action of 07 May 2003.

IN THE CLAIMS

Please amend Claims 1, 5, 9, and 13, as follows.

- 1 1. (Twice Amended) A computer implemented method of reducing sinusoidal
2 artifact generation in a vocoder, said computer implemented method comprising
3 the steps of:
4 a) receiving a determined input energy threshold value below which a
5 suspected noise-inducing codebook excitation vector is expected to be generated
6 by said vocoder; and
7 b) provided an input signal is received having an energy value lower than
8 said input energy threshold value, using a selection process such that said
9 suspected noise-inducing codebook excitation vector is not continuously
10 generated;
11 wherein the input signal comprises a plurality of subframes, the subframes



2654

PTO/SB/21 (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/322,259	
	Filing Date	28 May 1999	
	First Named Inventor	John Terrance Reagan	
	Art Unit	2654	
	Examiner Name	M. Opsasnick	
Total Number of Pages in This Submission	11	Attorney Docket Number	PHA 51214

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 2 return post cards
<div>Remarks</div> <div>RECEIVED JUL 16 2003 Technology Center 2600</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Raymond J. Werner
Signature	Raymond J. Werner Reg. No. 34,752
Date	09 July 2003

CERTIFICATE OF TRANSMISSION/MAILING			
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Typed or printed name	Kathryn G. Nelson		
Signature	Kathryn G. Nelson	Date	09 July 2003

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